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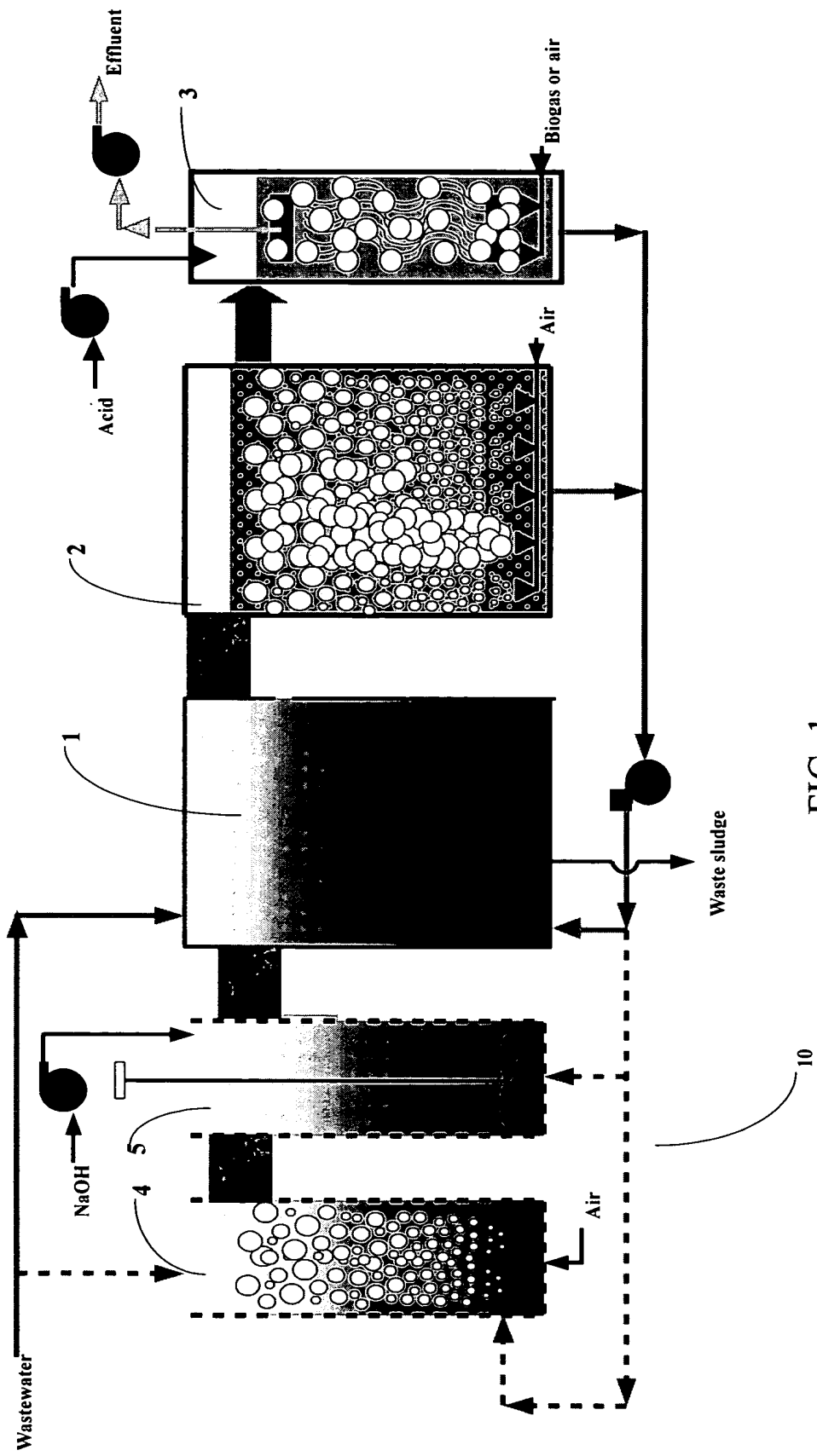


FIG. 1

Feeding organic containing wastewater into anaerobic bioreactor to let anaerobes therein decompose organic pollutants in wastewater;



Feeding effluent of anaerobic bioreactor into aerobic bioreactor where aerobes therein decompose residual organic in wastewater and carbon dioxide dissolved in water is stripped by air stripping effect that increases the pH value of water, whereby the crystals of metal carbonate, struvite and inorganic solids are produced and inserted in the floc matrix of aerobes through bioflocculation.



Feeding effluent of aerobic bioreactor into membrane separation reactor where solids in waster are separated to obtain effluent free of organic pollutants.

FIG. 2

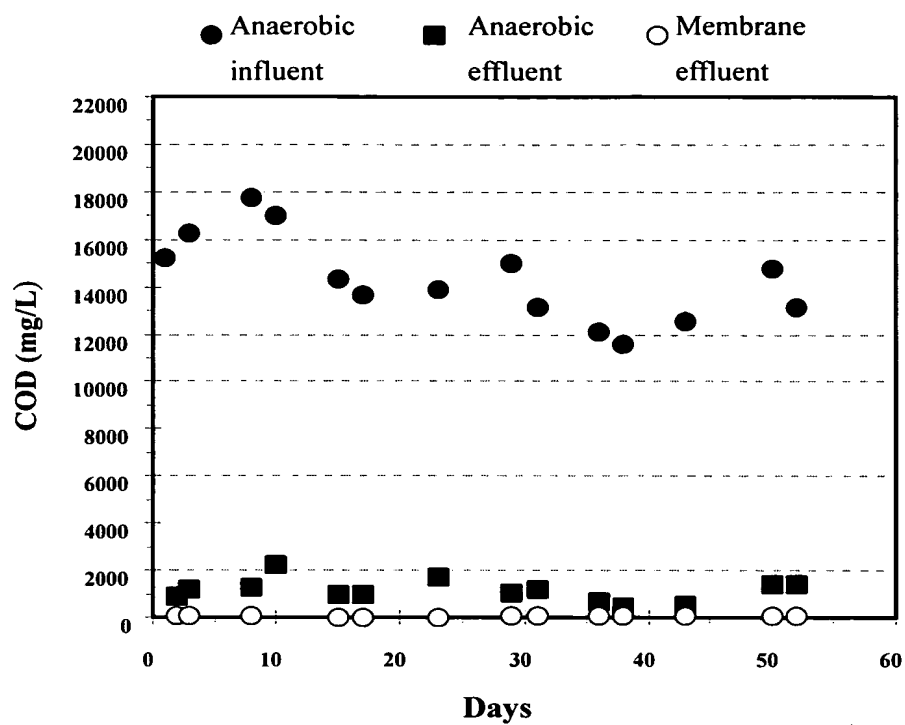


FIG. 3

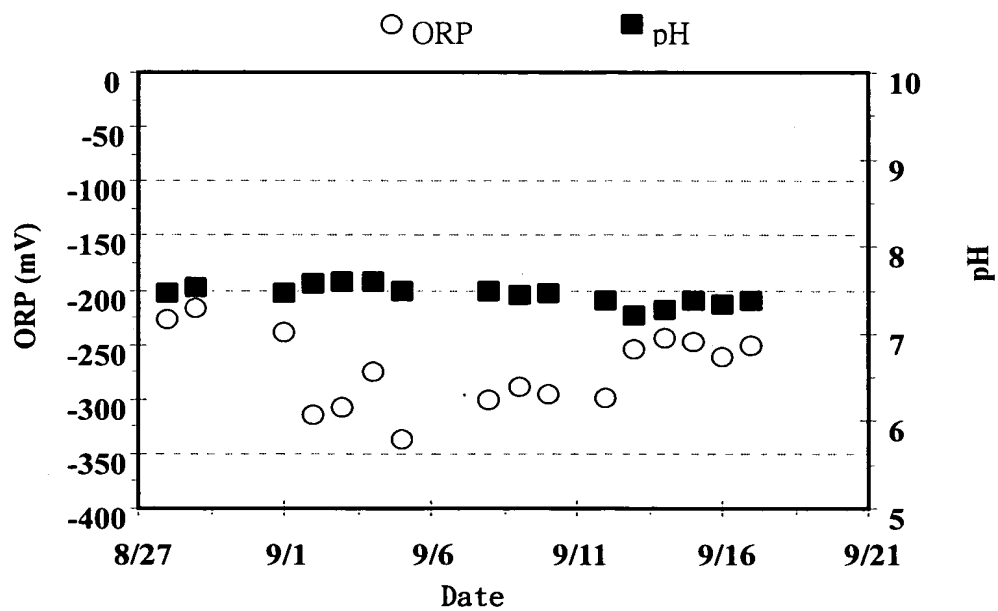


FIG. 4

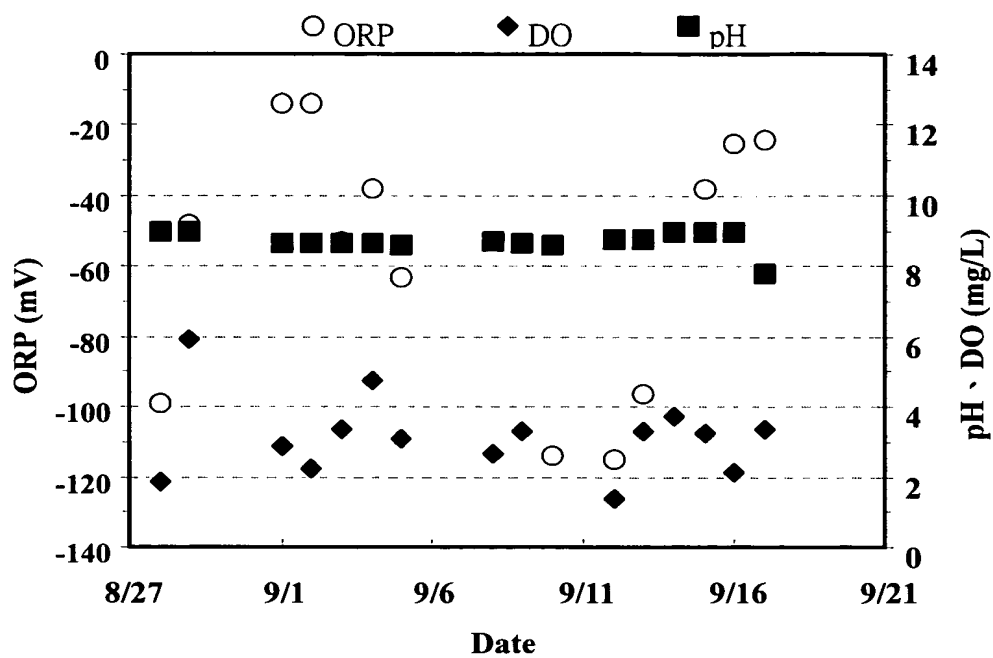


FIG. 5

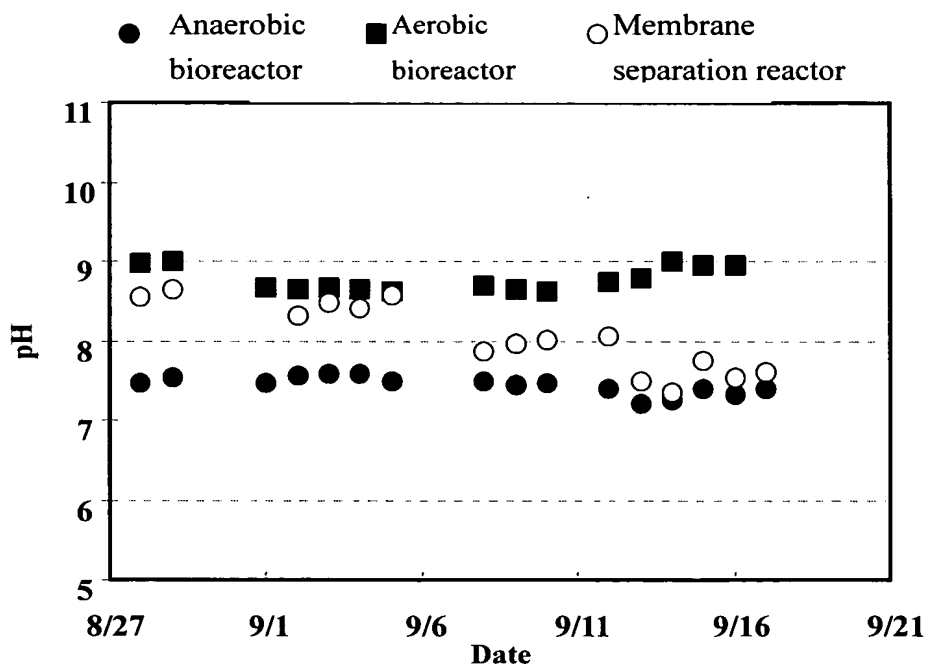


FIG. 6